

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	347	"5224163", "5659616", "5903882"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:48
L2	3	("5224163", "5659616", "5903882").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:53
L3	0	(US2002/0029337).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:50
L4	1	(US-20020029337-A1).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:53
L5	4	(US-20030007646-A1, US-20030093676-A1, US-20030154407-A1, US-20040039709-A1).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:54
L6	0	L2 AND L4 AND L5	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:53
L7	11	(US-20010021928-A1, US-20020073308-A1, US-20020144119-A1, US-20020144108-A1, US-20020144109-A1, US-20020152086-A1, US-20030028805-A1, US-20030033528-A1, US-20030115468-A1, US-20030115466-A1, US-20030163685-A1, US-20030163700-A1, US-20030194089-A1, US-20030212806-A1, US-20030220097-A1).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 08:59
S1	845	graff.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:37
S2	2	graff.in. AND "role certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/21 13:13
S3	35	"role certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:13
S4	4	"celluar network" AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 14:53

## EAST Search History

S5	5178	"cellular network" AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:37
S6	89	"Primary CA"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:37
S7	2	"Primary CA" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:37
S8	57	"cellular network" AND "certification authority"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:07
S9	1	"20040039709"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:32
S10	1094	VeriSign	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:03
S11	27	VeriSign.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:11
S12	0	Thawte.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:48
S13	6	Geotrust.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:48
S14	419	S10 AND "Certificate Authority"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:51
S15	382	S10 AND "Certificate Authority" AND second	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:51
S16	86	S10 AND "Certificate Authority" AND secondary	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 17:51
S17	35	"role certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:04
S18	2	S10 AND S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:04
S19	0	S10 AND "celluar network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:31

## EAST Search History

S20	28	S10 AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:08
S21	0	RoleIdentity	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:08
S22	0	RoleCertificate	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:08
S23	102	"role identity"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:08
S24	7	"role identity" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:08
S25	4	S11 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:12
S26	9	("6615347").URPN.	USPAT	OR	OFF	2006/12/14 18:29
S27	75	multiple NEAR ("certificate authority" OR "certification authority")	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:32
S28	35	S27 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:37
S29	1	S27 AND "time consuming"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:38
S30	57	"second certification authority"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:40
S31	0	S30 AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:39
S32	58	"second certification authority" OR "secondary certification authority"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:40
S33	162	"5224163"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:47
S34	4738	("certificate authority" OR "certification authority")	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/14 18:47
S35	28	S34 AND S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 08:23

## EAST Search History

S36	352	(RBAC OR role adj based adj access adj control)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 08:23
S37	15489	"cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:34
S38	3	S36 AND S37	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:24
S39	15489	"cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:24
S40	1705	S39 AND "role"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:25
S41	187	S39 AND "role" AND "certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:25
S42	88	S39 AND "role" AND "certificate" AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:26
S43	0	S42 AND "preferred"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:25
S44	2043	S39 AND "access control"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:26
S45	796	S44 AND ("CA" OR "certification authority")	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:26
S46	1	S44 AND ((multiple NEAR "CA") OR (multiple NEAR "certification authority"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:27
S47	0	("2005/0254449").URPN.	USPAT	OR	OFF	2006/12/18 12:32
S48	28	authenticating NEAR terminal AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:34
S49	6	S48 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:36
S50	276	authenticating AND authorization AND terminal AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:37
S51	87	authenticating AND authorizing AND terminal AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:38

## EAST Search History

S52	0	authenticating AND authorizing.ti. AND terminal AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:38
S53	5	authenticating AND authorization.ti. AND terminal AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:51
S54	1	"20040122959"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 12:53
S55	6	"cellular network" AND ((multiple NEAR CA) OR (multiple NEAR "certification authority"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:00
S56	278	((multiple NEAR CA) OR (multiple NEAR "certification authority"))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:00
S57	1	((multiple NEAR CA) OR (multiple NEAR "certification authority")) AND RBAC	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:22
S58	574	certificate AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:22
S59	187	S58 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:22
S60	126	S59 AND (authorizing OR authorization)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:36
S61	5	S60 AND MT	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:30
S62	1	"20020035699"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:47
S63	58	S39 AND assign\$2 NEAR role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:50
S64	13801	(MT OR "mobile terminal") AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:50
S65	20	(MT OR "mobile terminal") AND RBAC	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:50
S66	352	(RBAC OR role adj based adj access adj control)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:58

## EAST Search History

S67	297	(RBAC OR role adj based adj access adj control) AND network	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 13:59
S68	106	S67 AND phone	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:13
S69	3	S68 AND "identity certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:16
S70	15	S67 AND "identity certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:17
S71	14	S70 AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:18
S72	16	"identity certificate" AND S66	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:20
S73	9	"identity certificate" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:29
S74	108	PKI AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:29
S75	39	S74 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:29
S76	119	S60 AND (multiple OR secondary)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:34
S77	0	S60 AND (multiple NEAR CA)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:34
S78	0	(role NEAR assignment) AND RBAC	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:37
S79	0	(role NEAR assignment)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:37
S80	553	(role NEAR assign)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:37
S81	16	(role NEAR assign) AND RBAC	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:39

## EAST Search History

S82	21	"attribute certification"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/18 14:39
S83	10	("5220603"   "5339403"   "5497421"   "5761309"   "5784463"   "5825877"   "5943423"   "6088451"   "6233577"   "6446109").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 14:51
S84	0	distributed NEAR RBAC	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 14:51
S85	1	distributed NEAR3 RBAC	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 14:52
S86	5	distributed SAME RBAC	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 14:53
S87	80	(issue\$3) NEAR role	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 14:54
S88	43	S87 AND certificate	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 15:08
S89	1	"6968453"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 08:47
S90	14	MT AND multiple NEAR CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:15
S91	56	terminal AND multiple NEAR CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:19
S92	0	("2005/0254449").URPN.	USPAT	OR	OFF	2006/12/19 08:18
S93	738	terminal AND second\$3 NEAR CA	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:19
S94	39	terminal AND second\$3 NEAR CA AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:19
S95	6	("2002/0147801").URPN.	USPAT	OR	OFF	2006/12/19 08:32
S96	0	S95 AND cellular	USPAT	OR	OFF	2006/12/19 08:32
S97	62	nokia.as. AND PKI	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 08:48
S98	12	S97 AND role	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/19 08:48

## EAST Search History

S99	5	09/659781	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 09:07
S10 0	1	"20010021928"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:04
S10 1	1	"20020073308"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:05
S10 2	1	"20020144119"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:07
S10 3	1	"20020144108"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:07
S10 4	12261	authorization AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:38
S10 5	2702	authorization AND cellular AND certificate	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:49
S10 6	9	authorization AND cellular.ti. AND certificate	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:43
S10 7	51	authorization AND (cellular.ti. OR cellular.ab.) AND certificate	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:44
S10 8	275	authorization AND cellular AND "certification authority"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:52
S10 9	38	S108 AND "base station"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 09:52
S11 0	7	("20020004390"   "5339403"   "5715403"   "6035402"   "6367013"   "6385651"   "6463534").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 10:00
S11 1	214	"authorization certificate"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 10:00
S11 2	2	"authorization certificate" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 10:01
S11 3	40	"authorization certificate" AND "cellular"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 10:17



## EAST Search History

S11 4	7	"trust model" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 10:18
S11 5	11	"trust model" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 10:32
S11 6	417	AAA AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:13
S11 7	1	"20020144109"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:13
S11 8	1	"20020152086"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:19
S11 9	2	"20030028805"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:14
S12 0	1	"20030033528"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 12:14
S12 1	2	10/743092	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/21 13:13
S12 2	1	"6871279"	USPAT	OR	OFF	2007/01/03 08:49
S12 3	18	("6055534"   "6061726"   "6185678"   "6202157"   "6216231"   "6246771"   "6256741"   "6275825"   "6381579"   "6430694"   "6438549"   "6484258"   "6499110"   "6507909"   "6516316"   "6539093"   "6584567"   "6594661").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 08:49
S12 4	11	("5586260"   "5659616"   "5671279"   "5675649"   "5745574"   "5774552"   "5872848"   "5903651"   "5903882"   "6202157"   "6233341").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 08:53
S12 5	7	("6516316").URPN.	USPAT	OR	OFF	2007/01/03 09:01
S12 6	0	"attribute certification" AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 09:01
S12 7	21	"attribute certification"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:00

## EAST Search History

S12 8	384	authorization NEAR certificate	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:00
S12 9	12	S128 AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:02
S13 0	351	attribute NEAR certificate	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:02
S13 1	53	S130 AND "cellular"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:11
S13 2	677	root NEAR certificate	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:11
S13 3	154	S132 AND "cellular"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:36
S13 4	61	S133 AND role	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:11
S13 5	10	("20020087655"   "6092194"   "6253326"   "6334056"   "6421781"   "6477565"   "6480962"   "6493870"   "6609199"   "6714778").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 10:24
S13 6	6	("6775536").URPN.	USPAT	OR	OFF	2007/01/03 10:27
S13 7	112	certificate-based NEAR authentication	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:36
S13 8	30	S137 AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:42
S13 9	1	"20030135732"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:43
S14 0	5	"6553219"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:44
S14 1	103	"role identity"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:44
S14 2	29	S141 AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:47

## EAST Search History

S14 3	1	"20050154909"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 10:59
S14 4	1037	permission AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:00
S14 5	1	permission AND "cellular network" AND RBAC	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:00
S14 6	134	permission AND "cellular network" AND certificate	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:00
S14 7	54	permission AND "cellular network" AND certificate AND group AND role	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:05
S14 8	139	713/157.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:06
S14 9	9	S148 AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:06
S15 0	776	713/156.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:06
S15 1	110	S150 AND cellular	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 11:15
S15 2	14	S151 AND group AND role	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 13:43
S15 3	3	"6856800"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:00
S15 4	20840	motorola.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:01
S15 5	35	"role certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:01
S15 6	2	S154 AND S155	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:02
S15 7	103	"role identity"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:02

## EAST Search History

S15 8	0	S154 AND S157	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:02
S15 9	1217	S154 AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:02
S16 0	3	S154 AND CA AND "attribute certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:02
S16 1	50	("6223291").URPN.	USPAT	OR	OFF	2007/01/03 14:13
S16 2	0	ericsson.as. AND S155	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:14
S16 3	0	ericsson.as. AND CA AND "attribute certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:14
S16 4	0	ericsson.as. AND "attribute certificate"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:14
S16 5	7540	ericsson.as.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:14
S16 6	14	ericsson.as. AND PKI	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:16
S16 7	5280	"cellular network" AND CA	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:17
S16 8	177	S167 AND attribute AND role	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:17
S16 9	9	S168 AND PKI	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:22
S17 0	49	DRM AND Certificate AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:31
S17 1	13	DRM AND Attribute NEAR Certificate	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:32
S17 2	139	DRM AND "cellular network"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:32
S17 3	9	S172 AND PKI	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 14:32